



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant : Lo et al.  
Serial. No : 08/753,750 Examiner: A. Harris  
Filed : November 29, 1996 Group Art Unit: 1642  
For : TRANSFERRIN BINDING PROTEINS OF PASTEURELLA  
HAEMOLYTICA AND VACCINES CONTAINING SAME

TECH CENTER 1600/2900

APR 01 2002

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RESPONSE

EXPRESS MAIL NO.: EU206387699US

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action, mailed October 23, 2001, please amend  
the above-captioned patent application as follows:

IN THE CLAIMS

Please amend claims 30, 40, 43, and 46 currently on file, as follows:

130.

(Amended) An isolated and purified first polynucleotide, or the full complement  
of said first polynucleotide, wherein said first polynucleotide encodes a  
polypeptide that is a TbpA of *P. haemolytica* and hybridizes under stringent  
conditions to the complement of a second polynucleotide, wherein said second  
polynucleotide is selected from the group consisting of:

- (a) a polynucleotide encoding a polypeptide comprising an amino acid  
sequence as set forth in SEQ ID NO:2; <sup>and</sup>

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